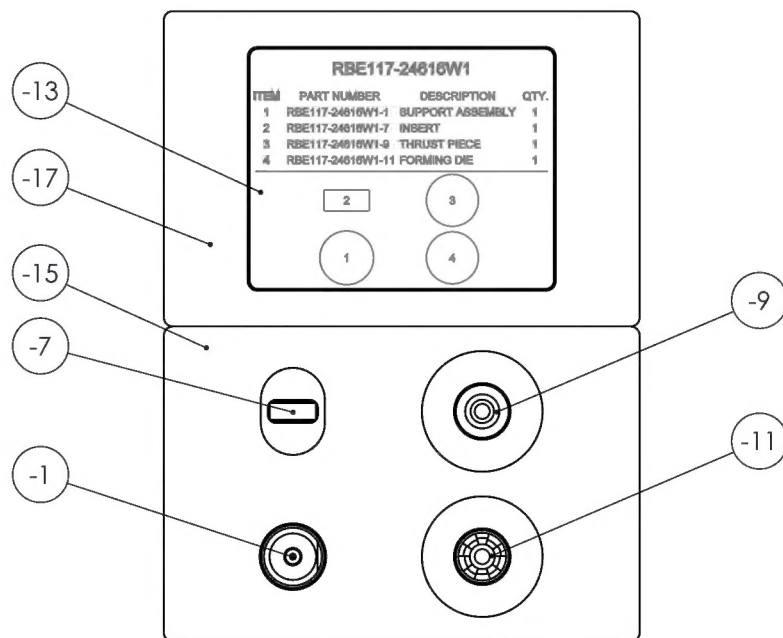



This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	12/12/2016	DPD	JAG



NOTE:  
REF. AIRBUS T/N: 117-24616W1.

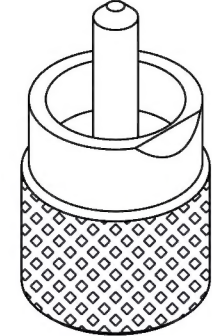
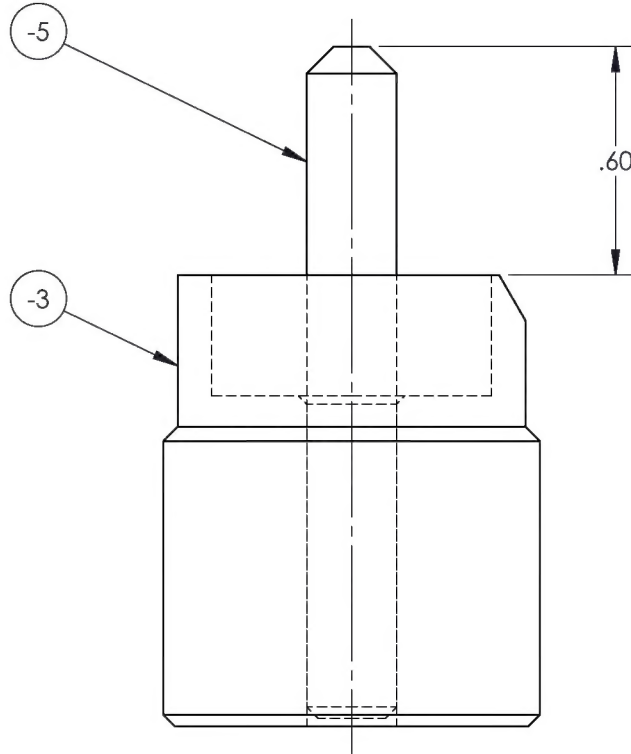
ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	SUPPORT ASSEMBLY			2
	1		-3		SUPPORT BASE	O1		3
	1		-5		SUPPORT PIN	O1		4
			-7	1	INSERT	O1		5
			-9	1	THRUST PIECE	O1		6
			-11	1	FORMING DIE	O1		7
			-13	1	PLACARD	PLASTIC		8
		B/O	-15	1	BOTTOM FOAM	ETHAFOAM 220, BLACK	2.55 X 4.93 X 7.43 (CASE SOLUTIONS)	9
		B/O	-17	1	TOP FOAM	ETHAFOAM 220, BLACK	.72 X 4.93 X 7.43 (CASE SOLUTIONS)	10
		B/O	-19	1	CASE	PLASTIC	PELICAN #APP-1120-E	N/S
		B/O		1	PLACARD	ALUMINUM	RB41011	N/S
ASSY -1								



<h2 style="margin: 0;">MOUNTING TOOL</h2>			
TITLE			
DWG NO.	RBE117-24616W1	REV	1
MAT'L	<div style="text-align: right; font-size: 0.8em;">           UNLESS OTHERWISE SPECIFIED            DIMENSIONS ARE IN INCHES            .XXX ± .005 FRACTIONS ± 1/8            .XX ± .01 ANGLES ± 5°            .X ± .1 SURFACES = 125/√         </div>		
HEAT TREAT			
FINISH			
SPEC			
DRAWN BY:	DUERFELDT	<div style="font-size: 0.8em;">             1. BREAK ALL SHARP EDGES                 .015 x 45° OR .015R              2. DIMENSIONAL LIMITS APPLY                 AFTER PLATING              3. INTERPRET DIM AND TOL PER                 ASME Y14.5M-2009           </div>	
CHECKED:	CLOUGH		
OPPS APPR:	ANDERSON		
QA APPR:	LINDSAY		
APPROVED:	GILBERT	USED ON MODEL <div style="font-size: 1.1em;">H145</div>	
SCALE	1:3	DATE	8/26/2016
		SHEET 1 OF 10	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



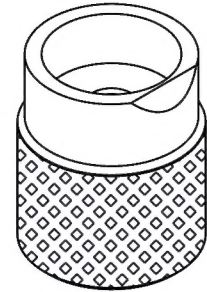
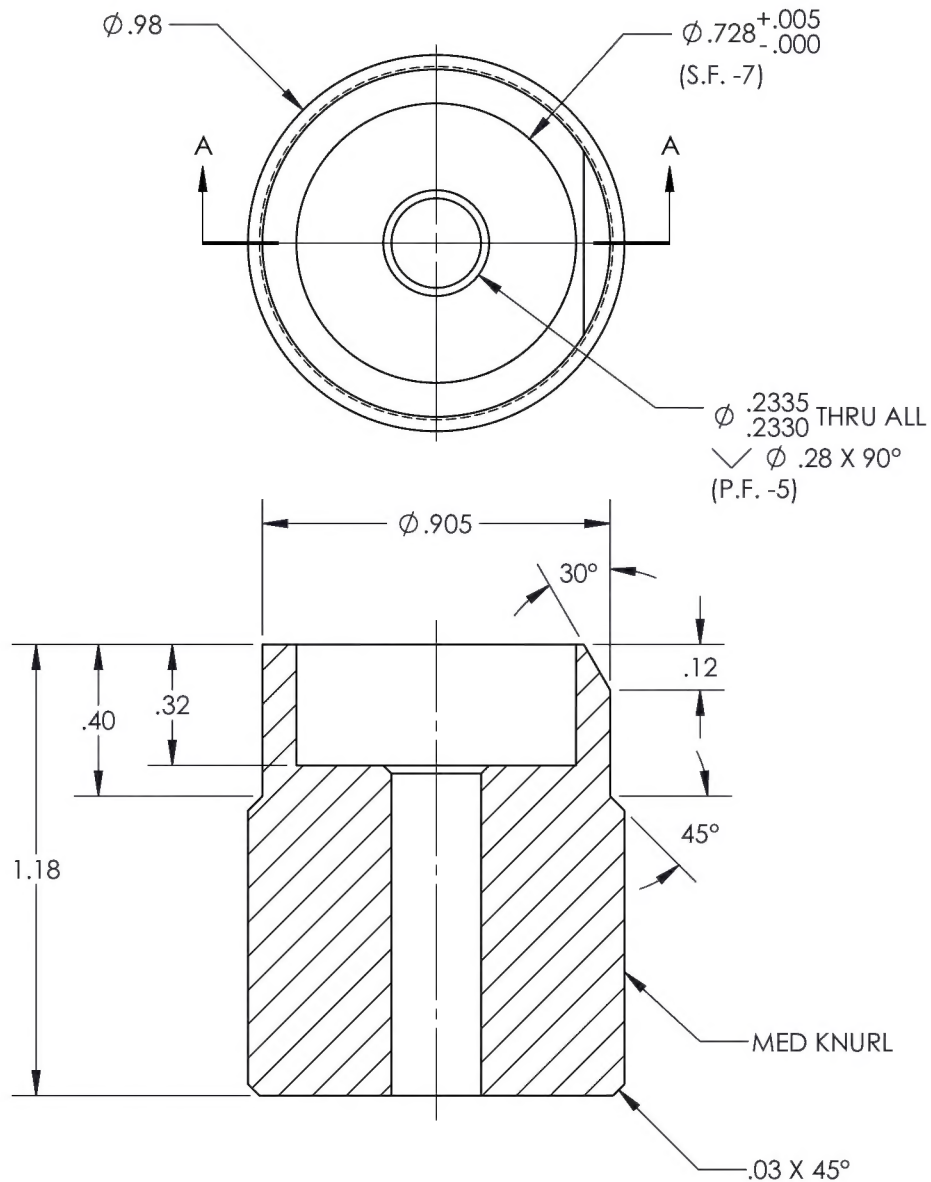
-1

SUPPORT ASSEMBLY

<b>DART</b> AEROSPACE	
TITLE <b>MOUNTING TOOL</b>	
DWG NO. <b>RBE117-24616W1-1</b>	REV <b>1</b>
MAT'L HEAT TREAT FINISH ZINC PLATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°
SPEC ASTM B633 TYPE I SC 2	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H145
SCALE 2:1	DATE 8/26/2016 SHEET 2 OF 10

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED



SECTION A-A

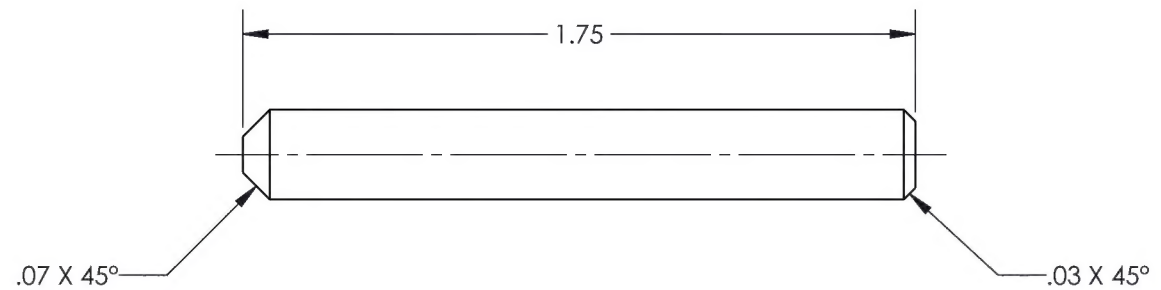
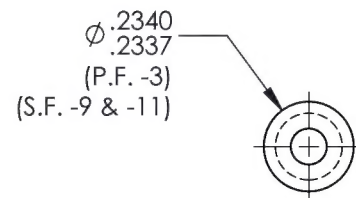
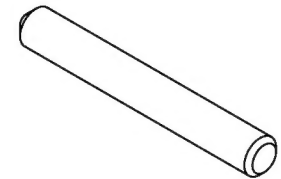
(-3)

SUPPORT BASE

<b>DART AEROSPACE</b>	
TITLE <b>MOUNTING TOOL</b>	
DWG NO. <b>RBE117-24616W1-3</b>	REV <b>1</b>
MAT'L O1 RC 50-60 TREAT FINISH SEE -1 SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
DRAWN BY: <b>DUERFELDT</b>	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: <b>CLOUGH</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: <b>ANDERSON</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: <b>LINDSAY</b>	USED ON MODEL
APPROVED: <b>GILBERT</b>	<b>H145</b>
SCALE <b>2:1</b>	DATE <b>8/26/2016</b>
SHEET 3 OF 10	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



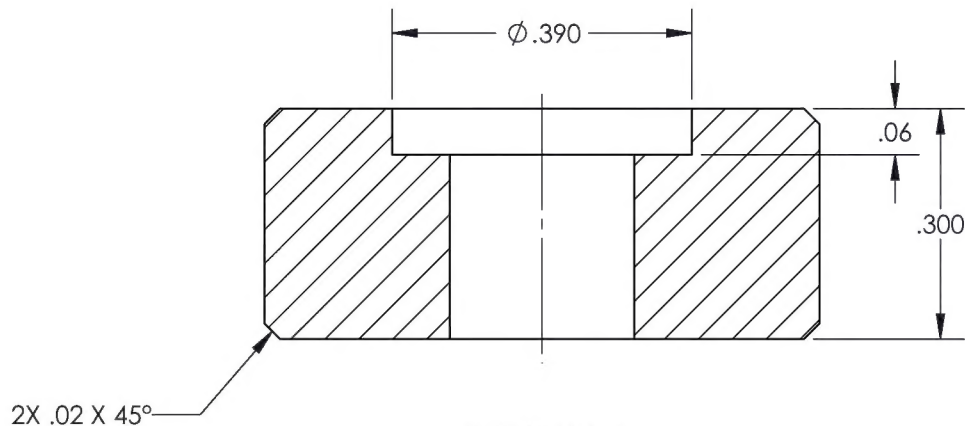
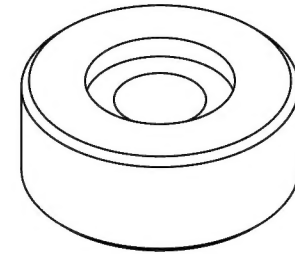
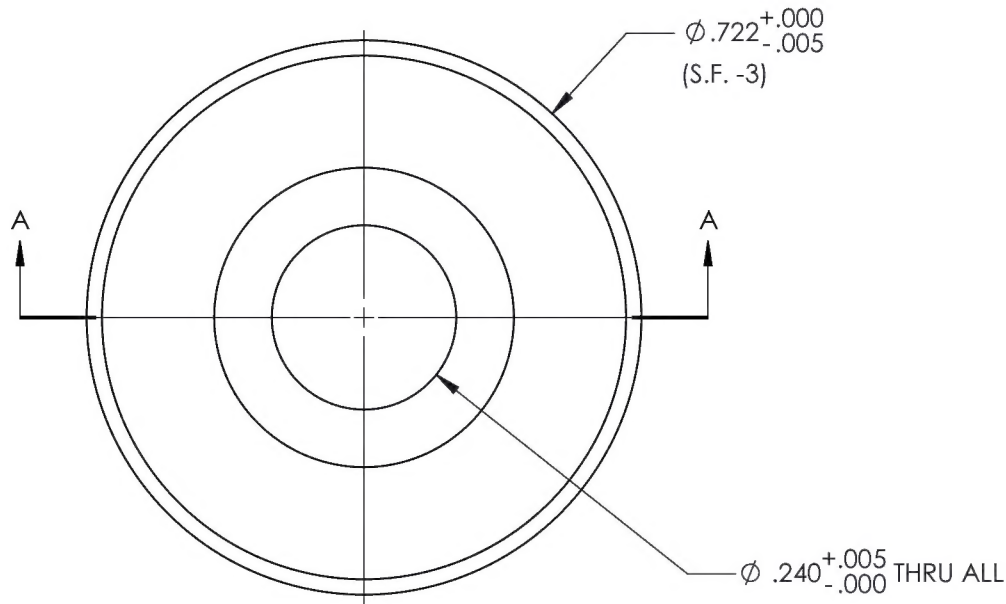
(-5)

SUPPORT PIN

TITLE MOUNTING TOOL	
DWG NO. RBE117-24616W1-5	REV 1
MAT'L O1	UNLESS OTHERWISE SPECIFIED
HEAT RC 50-60	DIMENSIONS ARE IN INCHES
TREAT	.XXX $\pm$ .005 FRACTIONS $\pm$ 1/8
FINISH SEE -1	.XX $\pm$ .01 ANGLES $\pm$ 5°
SPEC	.X $\pm$ .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 2:1	USED ON MODEL
DATE 8/26/2016	H145
	SHEET 4 OF 10

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



SECTION A-A

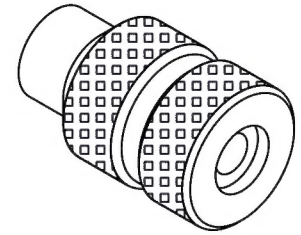
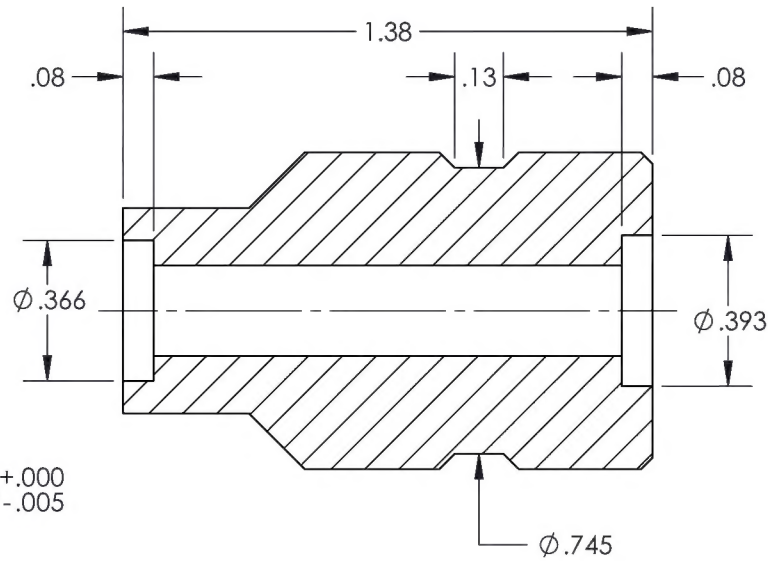
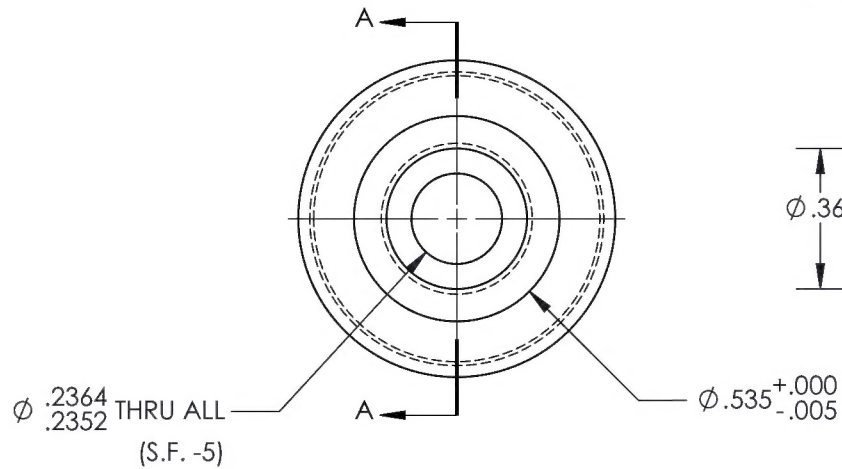
(-7)

INSERT

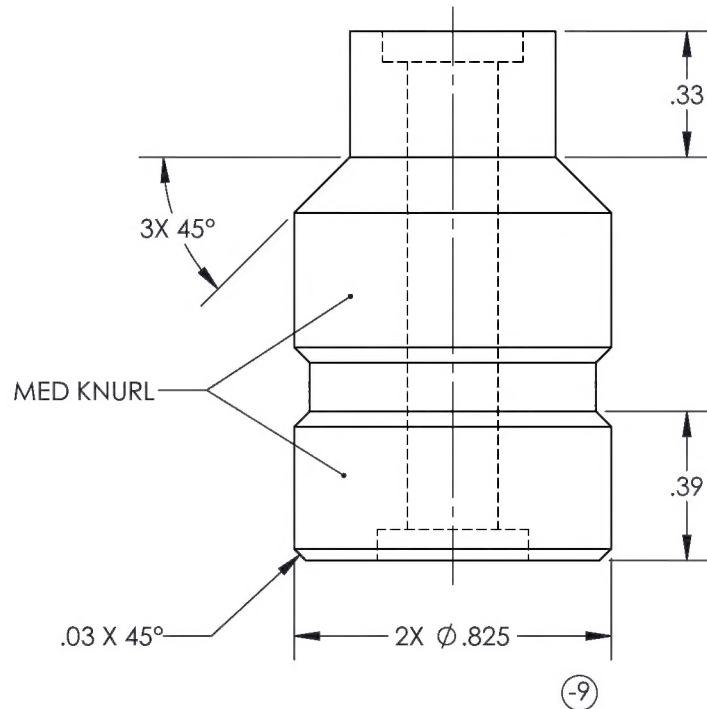
<b>DART AEROSPACE</b>	
TITLE <b>MOUNTING TOOL</b>	
DWG NO. <b>RBE117-24616W1-7</b>	REV <b>1</b>
MAT'L O1 RC 50-60 ZINC PLATE ASTM B633 TYPE I SC 2	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125✓ 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DRAWN BY: DUERFELDT	USED ON MODEL
CHECKED: CLOUGH	H145
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 4:1	DATE 8/26/2016 SHEET 5 OF 10

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



SECTION A-A



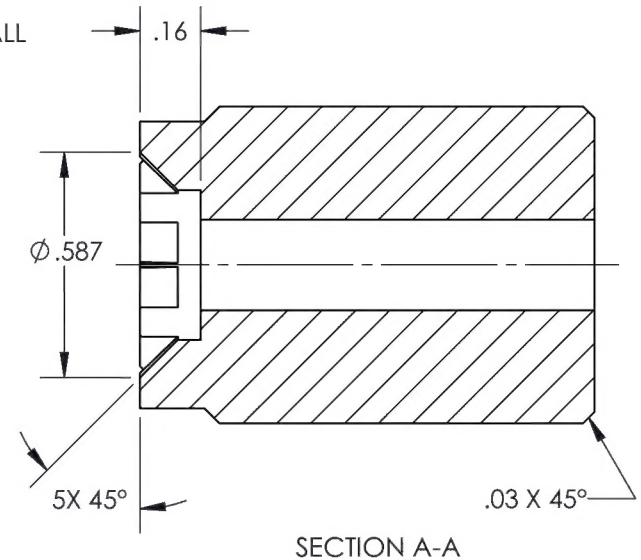
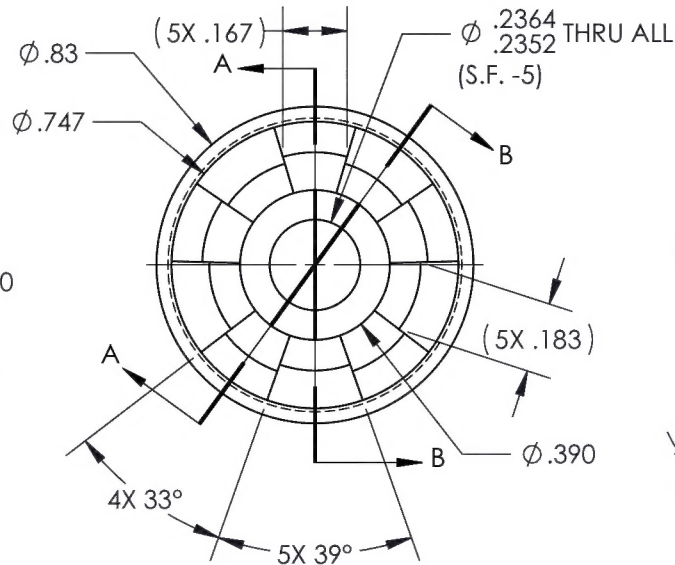
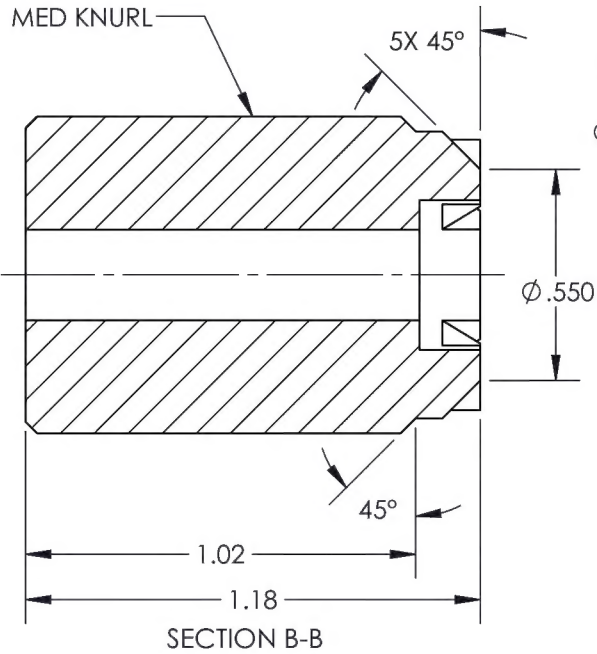
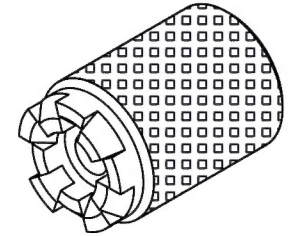
THRUST PIECE  
-9

<b>DART AEROSPACE</b>	
TITLE <b>MOUNTING TOOL</b>	
DWG NO. <b>RBE117-24616W1-9</b>	REV <b>1</b>
MAT'L O1 HEAT TREAT RC 50-60 FINISH ZINC PLATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°
SPEC ASTM B633 TYPE I SC 2	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H145
SCALE 2:1	DATE 8/26/2016
SHEET 6 OF 10	



This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS			
REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED



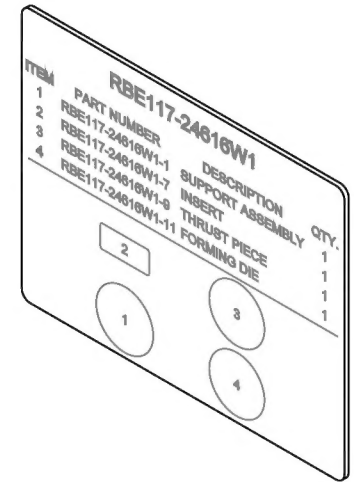
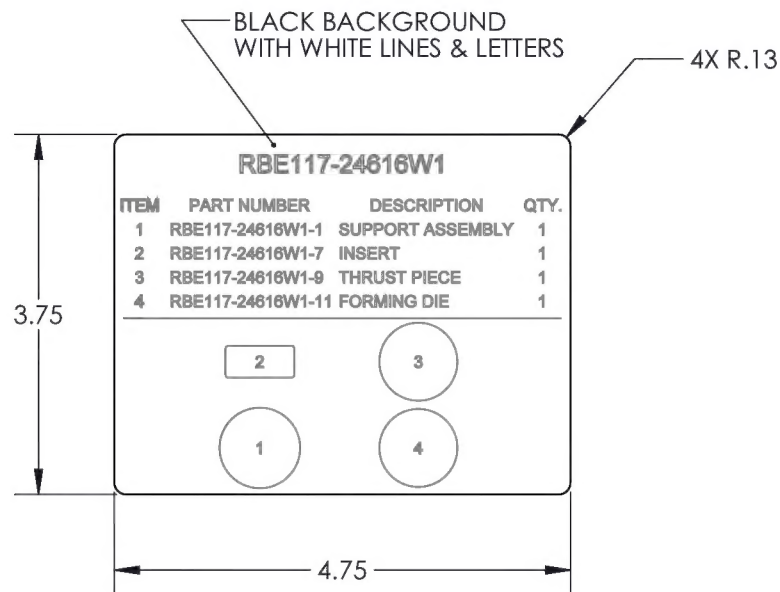
(11)

FORMING DIE

<b>DART</b> AEROSPACE	
TITLE <b>MOUNTING TOOL</b>	
DWG NO. <b>RBE117-24616W1-11</b>	REV <b>1</b>
MAT'L O1 RC 50-60 ZINC PLATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
SPEC ASTM B633 TYPE I SC 2	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H145
APPROVED: GILBERT	
SCALE 2:1	DATE 8/26/2016
SHEET 7 OF 10	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



NOTE:  
USE PDF.

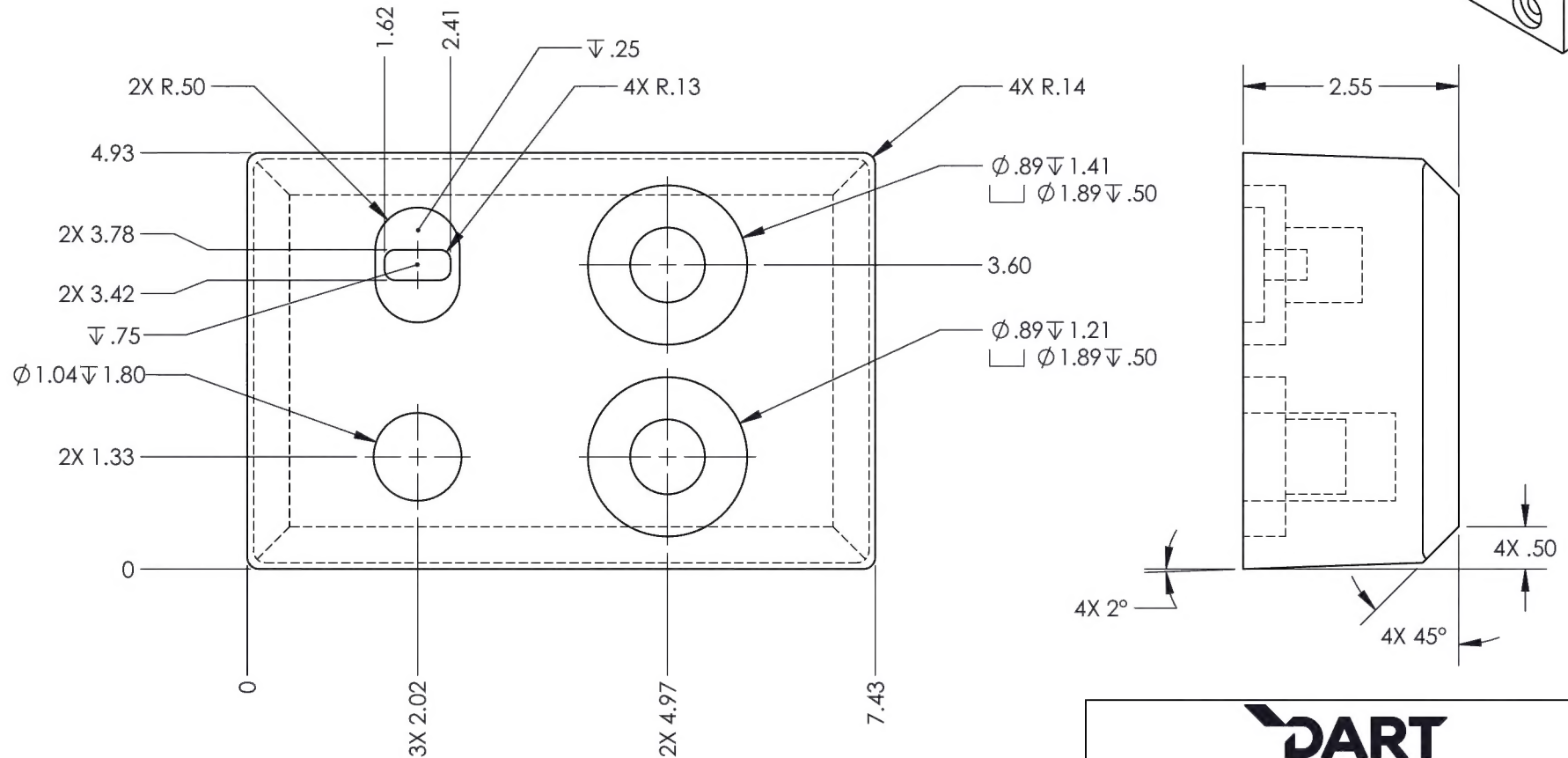
(-13)  
PLACARD

<b>DART</b> AEROSPACE	
TITLE MOUNTING TOOL	
DWG NO. RBE117-24616W1-13	REV 1
MAT'L PLASTIC	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:2	DATE 8/26/2016
	SHEET 8 OF 10



This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



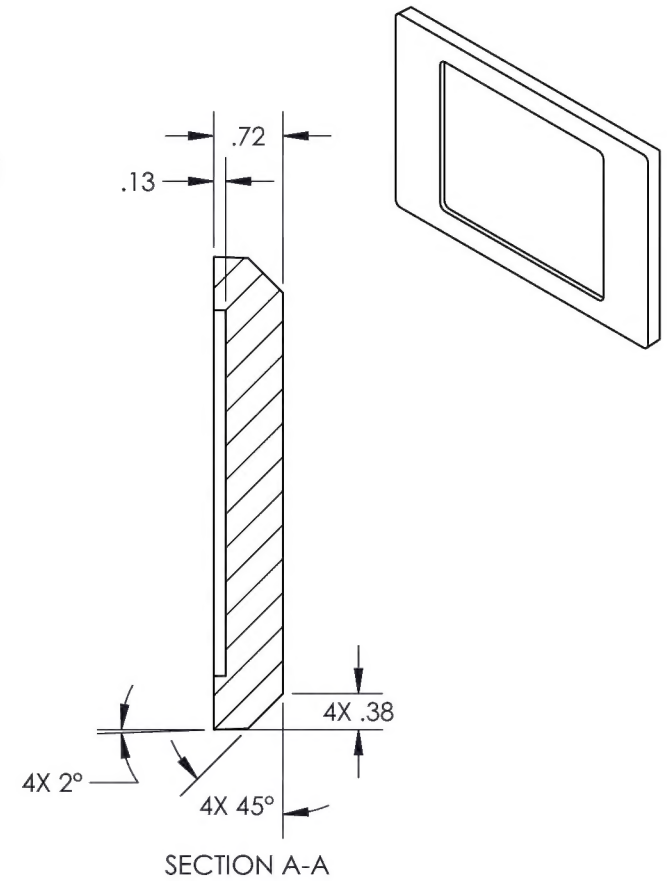
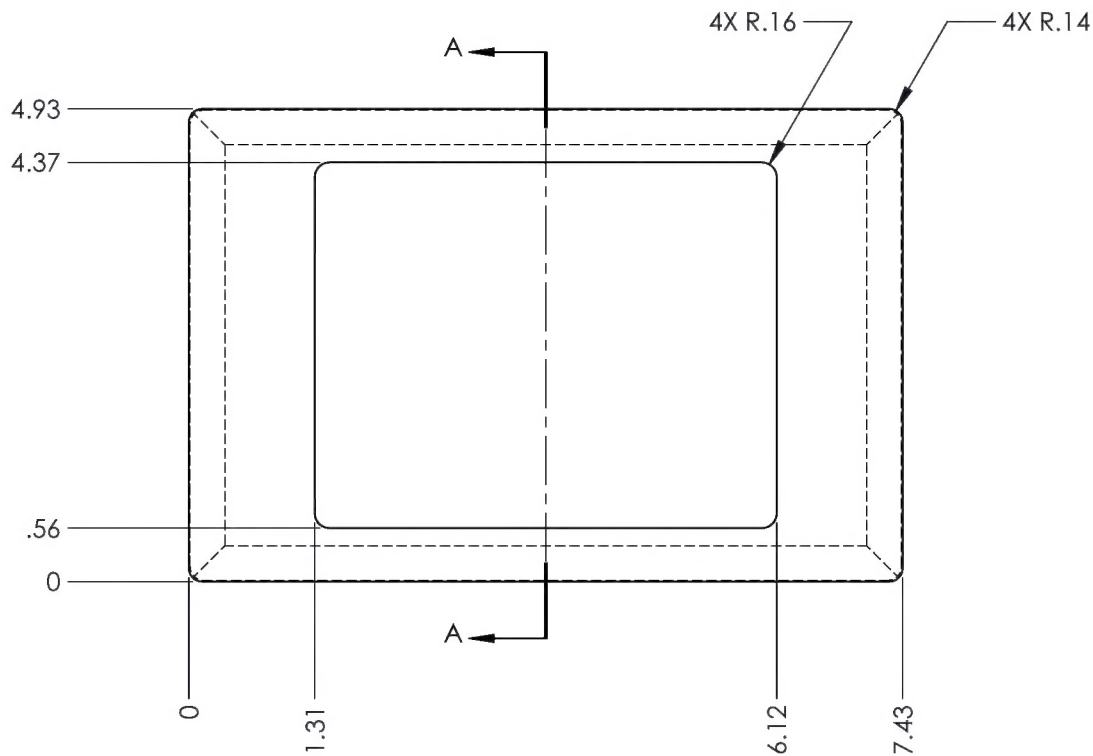
(-15)

BOTTOM FOAM

<b>DART AEROSPACE</b>	
TITLE <b>MOUNTING TOOL</b>	
DWG NO. <b>RBE117-24616W1-15</b>	REV <b>1</b>
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
.X ± .1 SURFACES = 125/	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: <b>DUERFELDT</b>	USED ON MODEL
CHECKED: <b>CLOUGH</b>	<b>H145</b>
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE 1:2	DATE 8/26/2016
SHEET 9 OF 10	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



(-17)  
TOP FOAM

<b>DART AEROSPACE</b>	
TITLE MOUNTING TOOL	
DWG NO. RBE117-24616W1-17	REV 1
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
.X ± .1 SURFACES = 125°	
SPEC	
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H145
SCALE 1:2	DATE 8/26/2016
SHEET 10 OF 10	